

NOTES:

1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. RECOMMENDED MATING CONNECTOR TORQUE IS 8 lb-in (90 N-cm)  
DO NOT EXCEED 12 lb-in (136 N-cm) AS DAMAGE TO CONNECTOR MAY RESULT.

3. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-DTL-3928.

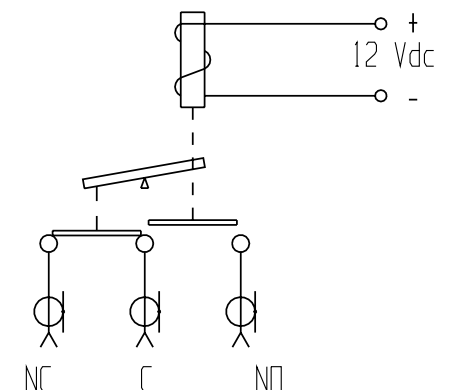
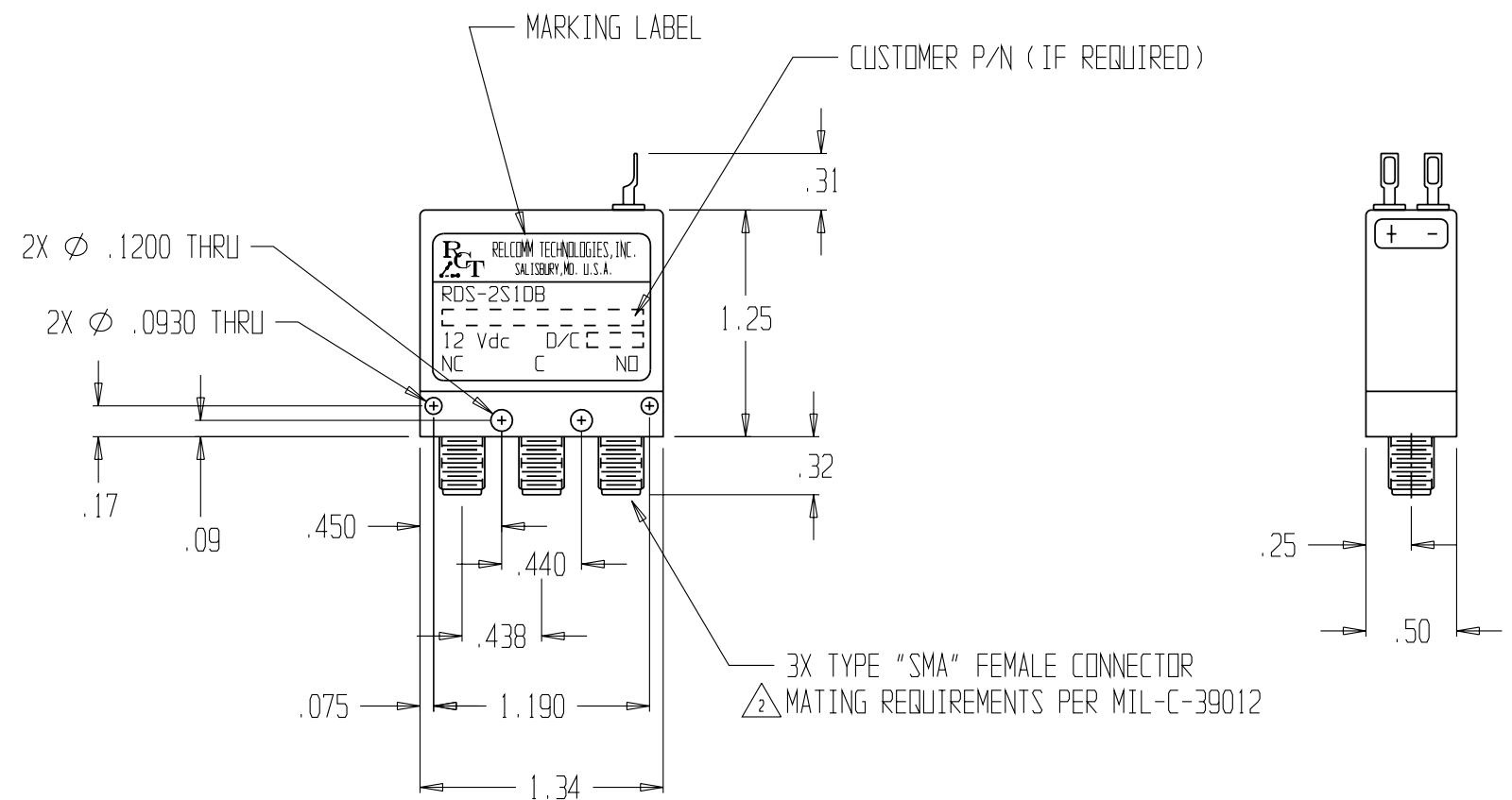
CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM) -----	50			
FREQUENCY RANGE (GHz) -----	DC-4	4-8	8-12.4	12.4-18
V.S.W.R. (MAX) -----	1.2:1	1.3:1	1.4:1	1.5:1
INSERTION LOSS (dB MAX) -----	0.2	0.3	0.4	0.5
ISOLATION (dB MIN) -----	80	70	60	60
AVERAGE POWER (WATTS TYP) -----	85	55	45	35



TEMPERATURE RANGE (OPERATING) --	-40°C - +85°C
TEMPERATURE RANGE (STORAGE) ----	-55°C - +100°C
SWITCHING ACTION -----	BREAK BEFORE MAKE
OPERATING VOLTAGE (OVER TEMP) --	10 - 14 Vdc
PICKUP VOLTAGE (MAX @ 25°C) ----	9 Vdc
DROPOUT VOLTAGE -----	> 1.5 Vdc
ACTUATING CURRENT (MA MAX) ----	190 @ 12 Vdc & 25°C
SWITCHING TIME (MAX) -----	15 mSEC
LIFE (MIN PER POSITION)-----	1 * 10^6 CYCLES
WEIGHT (OZ) -----	1.0 NOM

MATERIALS/FINISH:

HOUSING -----	ALUMINUM/NICKEL
COVER -----	ALUMINUM/BLACK ANODIZED
CONNECTORS ---	STAINLESS STEEL/PASSIVATE
INSULATION ---	TEFLON
CONTACTS -----	BERYLLIUM COPPER/GOLD
TERMINALS -----	Ni-Fe/Sn-70 SOLDER



SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

6	ECN 1816	1/24/11	A.MAGDA	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND INCLUDE PLATING. TOLERANCES .XX ±.02 FRACTIONS ± .XXX ±.010 SURFACE QUALITY .XXXX ±.0050 63/ MAX THIRD ANGLE PROJECTION 	DR R.MANNING	9/27/94	 <b>RELCOMM TECHNOLOGIES, INC</b> 610 BEAM STREET SALISBURY, MARYLAND 21801	TITLE COAXIAL 1P2T RELAY "FAILSAFE"			SCALE 1 : 1	DO NOT SCALE DWG	SHEET 1 OF 1	
5	ECN 1693	9/30/09	A.MAGDA		CK J.LAPKE	9/19/96								SIZE B DWG NO. RDS-2S1DB REV 6
4	1083	7/30/03	M.MAGDA		ENG M.MAGDA	9/19/96								
3	987	8/14/02	B.JONES MM		MFG									
2	439	12/29/98	A.HUDSON AH		QA	THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF RELCOMM TECHNOLOGIES AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEM(S) WITHOUT WRITTEN PERMISSION.								
1	137	9/13/96	M.MAGDA MM											
REV	ECN NO.	DATE	APPROVAL											